PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Tredemark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 1 of 3

Application Number	10/
Filing Date	
First Named Inventor	D. L. Looney, et al.
Group Art Unit	
Examiner Name .	,
Attorney Docket Number	ETH505112

			U.S. PATENT DOCUMENTS			
Examin er No.1			U.S. Patent Document Kind Coda ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines where relevant passages or relevant
	140.	Number (if tnown)			figures appaar	
		2,517,772	Leonard Doub, et al.	08-08-1950		
		2,773,000	Joseph N. Masci, et al.	12-04-1956		
		3,364,200	William H. Aston, et al.	01-16-1968		
ļ <u>-</u>		4,289,824	Frederick R. Smith	09-15-1981		
		4,626,253	Cecil H. Broadnax, Jr.	12-02-1986		
<u> </u>		4,752,466	Lowell Saferstein, et. al	06-21-1988		
<u> </u>		5,134,229	Lowell Saferstein, et. al	07-28-1992		
-		5,180,398	Franklin Boardman et. al	01-19-1993		
	-	5,643,596	Thaddeus P. Pruss, et. al	07-01-1997		
<u> </u>	-	5,645,849	Thaddeus P. Pruss, et. al	07-08-1997	 	
 	-	5,821,343	James R. Keogh	10-13-1998		
-		5,866,165	Lin Shu Liu, et. al	02-02-1999		
/IG	-	5,914,118	Keiko Yamamura, et al.	06-22-1999		

FOREIGN	PATENT	DOCUMENTS

		Foreign	Patent Document		Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines,	
Examin er Initials	Cite No. ¹	Office ³ Number ⁴ KindCode ⁶		Code ⁶	Applicant of Cited Document	mm-dd-yyyy	where relevant passages or relevant figures appear	Τ*
IG		JР	60087225	Α	Japan	05-16-1985		
		IN	159332		India	05-02-1987		
		EP	0468114	A2	EP	01-29-1992		
		wo	96/40033	Al	p⇔r wo	12-19-1996		
		wo	99/01166	A1	bæt MO	01-14-1999		
		RU	2146264	Cı	Russia	03-10-2000		
IG		wo	01/23653	Al	₩O	04-05-2001		
Examiner Signature			/Isis Gha	li/	Date Considere	9d 02/06	/2007	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the Individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Tredemark Office Weshington DC 20231.

Office, Weshington, DC 20231.
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Weshington, DC 20231.

ero not considered. Include copy of this form wan text communication to applicant.

1 Unique citation designation number, 2 See attached Kinds of U.S. Patent Documents, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3), 4 For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document, 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible, 6 Applicant is to place a check mark here if English language Translation is attached.

U.S. Petent and Tradsmark Office: U.S. DEPARTMENT OF COMMERCE

Under the Peperwork Reduction Act of 1995, no persons are required to respond to Substitute for form 1449A/PT

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 2 of 3

a collection of information unless it displays	
Application Number	10/
Filing Date	
First Named Inventor	Looney, et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	ETH-5112

				U.S. PATENT DOCUMENTS		
Examin er Initials	Cite	U.S. Patent Documen	it Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
, IG	190.	5,925,552	<u> </u>	James R. Keogh, et. al	07-20-1999	
 	 	5,945,319		James R. Keogh	08-31-1999	
╁	+	6,017,741		James R. Keogh	01-25-2000	
-	 	6,214,808 B1		Gilbu Soe, et al.	04-10-2001	
╂		6,261,679	Bl	Fung-jou Chen, et al.	07-17-2001	
╁	+	6,306,424	B1	Murty N. Vyakarnam, et al.	10-23-2001	
╂		6,333,029	B1	Murty N. Vyakarnam, et al.	12-25-2001	
╁─		6,365,149	B2	Murty N. Vyakarnam, et al.	04-02-2002	
╁┈	+	2001/0025154	Al	Mirna Rapp	09-27-2001	
1,	+	2002/0120348	A1	Melican, et al.	08-29-2002	·
IG	,	2003/0073663	Al	David M. Wiseman, et al.	04-17-2003	

200		Foreign	Foreign Patent Document		Name of Pri	Name of Patentee or		Date of Pages, Columns, Publication of Lines, where	
	Cite No.1	Office ³	Number ⁴ KindCo	de ⁵	Applicant of Cite		Cited Document mm-dd-yyyy	relevant passages or relevant figures appear	T
IG		EP	1172115	A1	EP		01-16-2002		
IG		wo	02/22059	A1	PET WO		03-21-2002		
IG		wo	02/058750	A2	PET WO		08-01-2002		
Examiner Signature			/Isis Gha	li/		Date Considered	02/06/200	7	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number, 2 See attached Kinds of U.S. Patent Documents, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. e Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0661-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute	4440	AMPTO	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)
Sheet 3 of 3

8 CORRECTION OF ELECTRICAL PRINCES IS GRAPHO A	7 1010 0 2 00 0 10 10
Application Number	10/
Filing Date	
First Named Inventor	Looney, et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	ETH-5112

		Sheet 3 of 3								
		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS								
Examiner's Cite		Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published								
nitials°	140.	ERNEST L. JACKSON, et al., J. Am. Chem. Soc, (1937), 59, 2049-2050								
n IG	l '	ERIEDI B. STORIOGI, S. Carlo								
		G. F. DAVIDSON, The Journal of the Textile Institute Transactions (1940), 81-96								
		VIRGINIA K. FRANTZ, et al., J. Am. Med. Assoc., (1945), 129, 798-801								
╂		VIRGINIA K. FRANTZ, The Bulletin, (1946), 22, 102-110								
		O.N. LUCAS, Journal of Oral Therapeutics and Pharmacology, Vol. 3, No. 4, (1967), 262-268								
		M. SINGH, Journal of Biomedical Materials Research, Vol. 15, (1981), 655-661								
		HELENE MATRAS, J. Oral Maxillofac Surg, Vol. 43, (8), (1985), 605-611								
_		T. JAI MANGAL SINHA, et al. Biomater., Med. Devices, Artif. Organs (1985), 12(3-4), 273-87 ARTHUR G. ARAND, et. al. Neurosurgery Vol. 18, No. 2, (1986), 223-233								
	 									
		REGINALD L. STILWELL, et al. Handbook of Biodegradable Polymers (1997), 291-306								
	 	J. VINCENT EDWARDS, et al. Wound Rep. Reg. 9, (2001), 50-58								
		HERCULES Aqualon® Sodium Carboxmethylcellulose Product Specifications Number 4116-4, 1997								
IG		HERCULES Aqualon & Sodium Carbox methylcellulose Physical and Chemical Properties, 1995								
Examiner Signature	1	/Isis Ghali/ Date 02/06/2007								

*EXAMINER: Initial If reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

SUBMISSION UNDER MPEP 609 D

Application Number 10/
Filing Date
First Named Inventor D. L. Looney
Group Art Unit
Examiner Name
Attorney Docket Number ETH-5112

Page 1 of 1

Attorney Docket Number
U.S. PATENT DOCUMENTS

			U.S. Patent Document	Pages, Columns, Lines,	
Examiner Initials	Cite	Name of Patentee or Applicant of Cited Document	Number (if known)		where relevant passages or relevant figures appear
IG		Guo, et al.	10/186021		
IG		Pendharkar, et al.	10/304,781		
IG		Pendharkar	10/305,040		
IG		Gorman, et al.	10/304,472		
IG		Zhang, et al.	10/326,244		·
IG		Looney, et al.	10/396,224		
IG		Looney, et al.	10/396,226		
		1 .			

FOREIGN PATENT DOCUMENTS

Examiner	Cite	Name of Patentee or Applicant of Cited Document		atent Docum	ent KindCode ⁵	Pages, Columns, Lines, where relevant passages or relevant figures appear	7°
Initials	No.1	Apparam of Oteo Document	Office ³	Number ⁴	RindCode*	appaar	
	100.						
ľ							
				İ	1		Ì
				-			
			1	1			
			 	+			
		·		ł	1		
			 				
			l			<u></u>	
					l l	i	ĺ
· · · · · ·				↓		<u> </u>	
			l	1	1	İ	1
	<u></u>	OTHER PRIOR ART - N	ON BATEM	TIMEDATI	PE DOCUME	MTS	
		Include name of the author (in C	APITOL LI	FTTERS)	itle of the art	icle (when appropriate).	
Examiner	Cite	title of the item (book, magazing	e. iournal. s	erial, symp	osium, catal	og, etc.), date, page(s),	T ²
's	No.1	volume issue number(s), publishe	er, city and/	or country wi	nere published	
Initials*							ļ
		·					ļ
							1
	 						1
	 			· · · · · · · · · · · · · · · · · · ·	····		1
	 						1
	 						1
	 						1
	<u> </u>						+
							
-							4
Examiner		/Isis Ghali/		Date Conside		02/06/2007	
Signature_		, ,		CONSTRUE			

MAR 1 5 2004

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

Spostatte for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)
Sheet 1 of 2

a collection of information unless it displays a	a valid OMB control number.
Application Number	10/721,836
Filing Date	November 25, 2003
First Named Inventor	Dwayne L. Looney
Group Art Unit	1615
Examiner Name	
Attorney Docket Number	ETH5112

				U.S. PATENT DOCUMENTS		
Examiner Initials	Cite		d Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
IG		2,914,444	Α	Smith	11-24-1959	·
		3,328,529	Α	Anderson	06-27-1967	
ļ		3,868,955	Α	Siragusa et al.	03-04-1975	
	ļ	4,407,787	Α	Stemberger	10/04/1983	
\	<u> </u>	4,600,574	Α	Lindner	07-15-1986	
		4,840,626	Α	Linksy	06-20-1989	
V _{IG}	ļ	5,409,703	Α	Hall	04-25-1995	
\mathbf{W}_{IG}	1	2002/012693	Δ1	Diegelmann et al	01-31-2002	

FOREIGN PATENT DOCUMENTS Foreign Patent Document Date of Pages, Columns, Lines, Publication of where relevant Name of Patentee or Cite Cited Document Examiner passages or relevant **Applicant of Cited Document** figures appear Office³ Number⁴ KindCode5 mm-dd-yyyy ΙG **English Abstract** N CS 217243 Ivan et al. 12-31-1982 **English Abstract** N CS 235108 **B**1 Ivan et al. 05-15-1985 238016 В1 **English Abstract** Ν CS Maxmilian et al. 11-13-1985 EΡ 0 177 064 Johnson & Johnson Products 04-09-1986 0 372 969 Johnson & Johnson Patient Care 06-13-1990 EP 0 636 378 Johnson & Johnson Medical 02-01-1995 0 942 305 Parachem Corp. 11-20-1963 0 983 073 GB Johnson & Johnson 02-10-1965 2 314 842 Johnson & Johnson Medical 01-14-1998

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner's Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²		
		ASTM E11-87 (1987)			
	I	Turaev et al., KhimFarm. Zh. 24(8), pp 47-51 (1990) (ENGLISH ABSTRACT)	N		

C.u. minana	4-1-2-14	T = :		
Examiner	/Isis Ghali/	Date		
Signature	,,	Considered	02/06/2007	
TEVALUNED.		1 1 1 2 2 2 2 2 2		

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

MAR 1 5 2004 Under the Paperwork

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 2 of 2

a conection of information unless it displays a	VARIO CINID CONTICUI HUMBURI.
Application Number	10/721,836
Filing Date	November 25, 2003
First Named Inventor	Dwayne L. Looney
Group Art Unit	1615
Examiner Name	
Attorney Docket Number	ETH5112

U.S. PATENT DOCUMENTS U.S. Patent Document **Date of Publication** Pages, Columns, Lines, Name of Patentee or Applicant Examiner Cite Kind Code of Cited Document where relevant passages of Cited Document **Initials** (if known) Number mm-dd-yyyy or relevant figures appear No.1

FOREIGN PATENT DOCUMENTS Foreign Patent Document **Date of Publication** of Cited Document where relevant Name of Patentee or Cite Examiner mm-dd-yyyy passages or relevant Applicant of Cited Document Initials figures appear Office³ Number⁴ KindCode⁵ No.1 wo 96/016643 Pharma Logic Inc. 06-06-1996 wo 98/000446 Watt et al. 01-08-1998 TG wo 98/033479 Α 08-06-1998 Santar et al. wo 01/022059 **A2** Holley 03-29-2001 IG 03/020191 University of Iowa 03-13-2003

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner's Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²
<u> </u>			

Examiner	•	Date	02/06/2007
Signature	/Isis Ghali/	Considered	02/06/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible, 6 Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature

/Isis Ghali/

SUBMISSION UNDER MPEP 609 D

Application Number 10/721,836
Filing Date November 25, 2003
First Named Inventor Dwayne L. Looney
Group Art Unit 1615
Examiner Name
Attorney Docket Number ETH-5112

Page 1 of 1

		U.S. P	AIE		CUMENTS			,	
				U.S. Pa	atent Docum	rent			
Examiner Initials	Cite No.1	Name of Patentee or Applicant of Cited Document		. Kind Code ² Number (if known)			Pages, Columns, Lines, where relevant passages relevant figures appear		
IG		Pendharkar		10/44	3,878			ETH5064	
IG		Looney et al.	·	10/60	3,320			ETH5072	
					· · · · · · · · · · · · · · · · · · ·				-
	ļ					•			
		4							
						,			
	-		\dashv						
					,				
	<u> </u>	FOREIGE	N PA	TENT I	OCUMEN	ITS	<u> </u>		 ,
	1						Pages	Columns, Lines,	T T
Examiner Initials	Cite No.1	Name of Patentee or Applicant of Cited Document	Foreign Patent Docum Office ³ Number ⁴			KindCode ⁵	where r	elevant passages elevant figures appear	Т ⁶
				·					
٠		•	_			<u> </u>			
· ·							<u> </u>		
	I	OTHER PRIOR ART - No Include name of the author (in Ca	ADIT	OL LE.	TERS)	RE DOCUMEN	ole (when	appropriato)	
Examiner 's Initials*	Cite No.1	title of the item (book, magazine volume-issue number(s	e. ioun	nal, se	rial, sympo	sium, catalo	a. etc.), c	late, page(s).	T²
						·			
	·								
		<u> </u>							
								<u> </u>	L

Date Considered

02/06/2007

JUN 2 8 200%

PTC/SB/08A (08-00)
Approved for use through 10/31/2002, OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
If the respond to a collection of information unless it displays a valid OMB control number.

Under the Pepercont Reduction Act of 1995, no persons are required to respond to a Substitute for form 1449A/PTO
SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many cheets as necessary)

Sheet 1 of 1

Constitution and a constitution	Tune Units Contact Landar.
Application Number	10/721,836
Filing Date	November 25, 2003
First Named Inventor	Dwayne L. Loonay
Group Art Unit	1615
Examiner Name	
Attorney Docket Number	ETH5112

					U.S. PATENT DOCUME	NTS	····		
		U.S. Pat	tent Document				Date of Publication	on Pages, Columns, L	Inne
Examiner	Cite			d Code ^z	Name of Patentee of Ap of Cited Documer	Name of Patentee or Applicant		nt where relevant pas	sages
Initials	No.1	Number	· (i	(known)	Ur Cited Education	1	mm-dd-yyyy	or relevant figures a	ppear
									
-			· · · · · · · · · · · · · · · · · · ·				····		
				 -					
		-		 					
				 	· · · · · · · · · · · · · · · · · · ·				
			· · · · · · · · · · · · · · · · · · ·	FOR	I EIGN PATENT DOCUMENT	rs			
. 1		Foreign	Patent Docume				Date of	Pages, Columns, Lines,	T
Examiner	Cite				Name of Patentee of Applicant of Cited Document	۳ Ic	Publication of Cited Document	where relevant passages or relevant	T⁵
Initials	No.1	Office ³	Number ⁴ Kir	ndCode ⁵	, ,		mm-dd-yyyy	figures appear	
IG		wo	02/02155	A1	C.T.P. Cable Technology Procurement AG	'	01/10/2002		
								1.2	l
									
					<u> </u>			- 7.1	
	•	_							
							· · · · · · · · · · · · · · · · · · ·	<u> </u>	
			<u> </u>						╁—
									-
			10	HER PRIC	 OR ART - NON PATENT LITER	ATURE DOC	MENTS		<u>L</u>
Examiner's	Cite	. I a	ude name of th	e author	(in CAPITAL LETTERS), till, serial, symposium, catalog publisher, city and/or cou	de of the artic g, etc.), date,	le (when appropr page(s), volume	iate), title of the item -issue number(s),	T2
	1				parameter, only united cou	y wirold pt			
Examiner I			/Isis Ghal	<u> </u>		Date	1 00/0	6/2007	

Signature /ISIS GRAII/ | Considered |
"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 4 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 4 Applicant is to place a check mark here if English language Translation is attached.

JUN 2 8 2004 W

SUBMISSION UNDER MPEP 609 D

Application Number 10/721,836
Filing Date Novembar 25, 2003
First Named Inventor Dwayns L. Looney
Group Art Unit 1615
Examiner Name
Attorney Docket Number ETH5112

Page 1 of 1

Examiner Initials No. 1 Name of Patentee or Applicant of Cited Document Number (if known) Pages, Columns, Lines, where relevant figures appear

FOREIGN PATENT DOCUMENTS Foreign Patent Document where relevant passages or relevant figures Name of Patentee or Applicant of Cited Document Initials Office³ Number⁴ KindCode⁵ appear No.1 OTHER PRICE ART - KON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published Cite No.' Examiner Initials* IG European Search Report dated April 2, 2004 for corresponding EP application 03254119.5.

Examiner	/=-1- al - 3 1 /	Date	02/06/2007
Signature	/Isis Ghali/	Considered	02/06/2007



SUBMISSION UNDER MPEP 609 D

Application Number 10/721,836
Filing Date November 25, 2003
First Named Inventor Dwayne L. Looney et al.
Group Art Unit 1615
Examiner Name
Attorney Docket Number ETH5112

Page 1 of 1

U.S. PATENT DOCUMENTS

| Examiner Initials | No. | Name of Patentee or Applicant of Cited Document | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | Number | N

FOREIGN PATENT DOCUMENTS

		FOREIGI	PATENT	DOCUMEN	VIS		
Examiner Initials	Cite	Name of Patentee or Applicant of Cited Document	Foreign Pa	atent Docum	ent KindCode ⁵	Pages, Columns, Lines, where relevant passages or relevant figures appear	T⁵
	 						
			ļ	_			
				}			
				 	- 		-
				1			
					1		
-			 	—			
	<u> </u>				1	<u> </u>	L
	r	OTHER PRIOR ART - No. Include name of the author (in C.					
Examiner 's	Cite No.1	title of the item (book, magazine volume-issue number(s	, journal, s	erial, symp	osium, catalo	g, etc.), date, page(s),	T²
Initials*		European Search Report dated July 8,	2004 for one		ED coeliastics	02254004 8	
16		European Search Report dated July 6,	2004, 101 (01	responding a	= application	03234081.0	
-							
	ļ						ļ
							

4= 1 = 1 4	l Date	i '	
/Taia Chali/		00/06/000	
/ISIS GHAII/	Concident	1 02/06/2007	
·	I Coupingian	, 02,00,200,	
	/Isis Ghali/	Cate	/Tgig Ghali/ Date on /oc/goog



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0551-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)
Sheet 1 of 1

a conscion of internation diless it displays a valid cirils control number.					
Confirmation Number	1615				
Application Number	10/721,836				
Filing Date	November 25, 2003				
First Named Inventor	Dwayne L. Looney et al.				
Group Art Unit					
Examiner Name	·				
Attorney Docket	ETH5112				
Number					

U.S. PATENT DOCUMENTS U.S. Patent Document Date of Publication Pages, Columns, Lines. Name of Patentee or Applicant Kind Code² Examiner Cite of Cited Document where relevant passages or of Cited Document Initials Number (if known) relevant figures appear mm-dd-yyyy No.1 ΙG 06-27-1967 3,328,259 Anderson A IG В1 6,500,777 Wiseman et al. 12-31-2002

FOREIGN PATENT DOCUMENTS

		Foreign	Foreign Patent Document		Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No.1	Office ³	Number ⁴ Ki	indCode ⁵	Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	το
IG		EP	0 815 879	A2	Johnson & Johnson Medical, Inc.	08-27-1997		
IG		EP	1 378 255	A2	Ethicon, Inc.	01-07-2004		
IG		GB	2 314 840	A	Johnson & Johnson Medical Inc.	06-28-1996		
	ļ			<u> </u>				ļ
				ļ				
	<u> </u>			ļ				

Examiner	/Isis Ghali/	Date	02/06/2007	\neg
Signature	/IBIB GMGII/	Considered	02/06/2007	- 1

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

IN S. WHATER S. W.

SUBMISSION UNDER MPEP 609 D

Page 1 of 1

Confirmation Number	
Application Number	10/721,836
Filing Date	November 25, 2003
First Named Inventor	Dwayne L. Looney et al.
Group Art Unit	3764
Examiner Name	
Attorney Docket Number	ETH5112

U.S. PATENT DOCUMENTS							
			U.S. Patent Docume	ent	Panes Columns Lines		
Examiner Initials	Cite No. ¹	Name of Patentee or Applicant of Cited Document	Number	Kind Code ² (if known)	Pages, Columns, Lines, where relevant passages or relevant figures appear		
				·			
1							

FOREIGN PATENT DOCUMENTS Foreign Patent Document Pages, Columns, Lines, where relevant passages or relevant figures appear Name of Patentee or Examiner Cite Applicant of Cited Document Initials Office³ Number⁴ KindCode⁵ No.1 OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), Examiner Cite No.1 title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published Initials* European Search Report dated October 25, 2004, for corresponding EP application 04253808.2. ΙG

Examiner	/Isis Ghali/	Date	02/06/2007
Signature	,	Considered	, ,

PTO:SB:28A (CS-C0)
Approved for use through 10/31/2002, OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Peperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)
Sheet 1 of 1

Confirmation Number	
Application Number	10/721,836
Filing Date	November 25, 2003
First Named Inventor	Dwayne L. Looney et al.
Group Art Unit	3764
Examiner Name	
Attorney Docket	ETH5112
Number	

U.S. PATENT DOCUMENTS U.S. Patent Document Date of Publication Pages, Columns, Lines, Name of Patentee or Applicant Cite Kind Code² Examiner of Cited Document where relevant passages or of Cited Document mm-dd-yyyy relevant figures appear No.1 Number (if known)

Date of Publication Pages, Columns, Lines, Foreign Patent Document of Cited Document where relevant Name of Patentee or passages or relevant Cite Examiner mm-dd-yyyy Applicant of Cited Document figures appear Initials No.1 Office³ Number⁴ KindCode⁵ EP 0 216 378 04-01-1987 TG A2 Statni Vyzkumny Ustav Testilni English Abstract Nο 2 344 519 Johnson & Johnson Medical Ltd. 06-14-2000 ΙG IG 98/00180 A1 Johnson & Johnson Medical, Inc. 01-08-1998

FOREIGN PATENT DOCUMENTS

Examiner	/Isis Ghali/	Date	02/06/2007	
Signature		Considered	02/00/2007	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 4 Applicant is to place a check mark here if English language Translation is attached.

AUG 1 2000 PAGE

DEMISSION UNDER MPEP 609 D

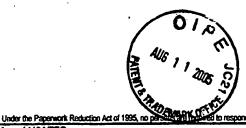
Application Number 10/721,836
Filing Date November 25, 2003
First Named Inventor Dwayne L Looney
Group Art Unit 1615
Examiner Name Isis A.D. Ghali
Attorney Docket Number ETH 5112 CIP

Page 1 of 1

	_	Page 1 of 1		7 11,077,07				
		U.S. F		OCUMENTS				
		Name of Patentee or Applicant	U.S	. Patent Docum			Pages, Column	ns, Lines,
Examiner Initials	Cite No.'	of Cited Document	Nu	mber		id Code ² known)	where relevant p relevant figure	assages o
	1							
						<u> </u>		
						ļ		
	 					ļ		
			- 			 		
	\vdash		-		 	 		
	+		\dashv	·		 		
	\vdash							
		FOREIG	N PATEL	IT BOCUMEN	T3	<u> </u>		
Examiner	Cite	Name of Patentee or Applicant of Cited Document		Patent Docume		where n	Columns, Lines, elevant passages elevant figures appear	۳°
Initials	No.1		Unice	Number	KIRICORE	 		
	1		╁	_	+	 		
	+		+		+	\vdash		
			1		1			
	7		1			7		1

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	*
Examiner 's Initials*	Cite No.1	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²
IG		European Search Report dated May 11, 2005 for corresponding Appln. No. EP 04257230	

Examiner	<i>l</i> = 1	Date	02/06/2007
Signatura	/Isis Ghali/	Considered	02/06/2007



PTO/SB/08A (08-00)
PTO/SB/08A (08-00)
Approved for use through 10/31/2002 Okes 0651-0001
U.S. Patent and Trademark Officer U.S. DEPARTMENT OF COMMENCE of the application of information under its feature a walf of Okes overtain under the commence of information under its feature as walf of Okes overtain under the commence of information under its feature as walf of Okes overtain under the commence of information under its feature as walf of Okes overtain under the commence of the commence o

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)
Sheet 1 of 1

a constitui a anni interna i antico a amballo i	TOO THE GROWN INCIDENT
Application Number	10/721,836
Filing Date	November 25, 2003
First Named Inventor	Dwayne L. Looney
Group Art Unit	1615
Examiner Name	Isis A.D. Ghali
Attorney Docket Number	ETH 5112 CIP
	ł

Examiner Initials	Citie No.1	U.S. Patent Document			D-4	
		Number	Kind Code ² (8 known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
IG		6,649,162	B1	Biering Wolfgang et al.	11-18-2003	
				·		

FOREIGN PATENT DOCUMENTS Foreign Patent Document Date of Publication of Cited Document Pages, Columns, Lines, where relevant passages or Name of Patentee or relevant figures appear Examiner Cite mm-dd-yyyy Applicant of Cited Initiats Office³ Number⁴ KindCode⁵ Document EP 0216378 Statni Vyzkumny 04-01-1987 IG Ustav Textilni EP 1430911 Α Ethicon, Inc. 06-23-2004 IG EP 1424087 Α Ethicon, Inc. 06-02-2004 IG EP 06-02-2004 1424086 Ethicon, Inc. IG

Examiner	/Isis Ghali/	Date	00/05/0005
Signature	, =====,	Considered	02/06/2007

[&]quot;EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

I Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the petent document. 6 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible, eApplicant is to place a check mark here if English tanguage Translation is attached.